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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/580,248 Confirmation No.: 6084  
Applicant : Mimi ADACHI, *et al.*  
35 U.S.C. § 371 Date : July 20, 2006  
Title : METHOD FOR PROLIFERATING CARDIOMYOCYTES  
TC/Art Unit : 1632  
Examiner: : Magdalene K. Sgagias  
Docket No. : 64517.000003  
Customer No. : 21967

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.116**

Sir:

Applicants provide the following amendment and remarks in response to the Final Office Action, mailed December 22, 2008 ("Office Action"), in the above-identified matter.

Applicants provide this Response in the following format:

**Amendments to the Claims** begin on page 2; and

**Remarks** begin on page 6.